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..01 - GENERAL INFORMATION  
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TRADE NAME: NAPA SILICONE BRAKE FLUID

MANUFACTURER'S NAME: ECHLIN INC.

TELEPHONE NUMBER: 815/385-7000

ADDRESS (NUMBER, STREET, CITY, STATE, ZIP): 1600 N. Industrial Dr  
McHenry, IL 60050

PROPER SHIPPING NAME (49CFR 172.101): None

D.O.T. HAZARD NAME (49CFR 172.101): None

D.O.T. ID NO. (49CFR 172.101): None

D.O.T. HAZARD CLASS (49CFR 172.101): None

RCRA HAZARD CLASS (40CFR 261) (If discarded): None

E.P.A. PRIORITY POLLUTANTS: None

NFPA = National Fire Protection Association - 704

HEALTH (NFPA): 1  
FLAMMABILITY (NFPA): 1  
REACTIVITY (NFPA): 0  
CAS NO.: Mixture  
GENERIC DESCRIPTION: Silicone

United Part Nos. 45-012, 45-032, 45-101

REVIEWED: 9/23/85

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..02 - HAZARDOUS INGREDIENTS  
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NAPA SILICONE BRAKE FLUID % 100

TLV (UNITS): Not established

Only those ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. An ingredient marked with an asterisk (\*) is also listed in 29 CFR 1910.1200(D) #4 as known or suspected carcinogen.

COMMENT: None

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..03 - EFFECTS OF OVEREXPOSURE  
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EYES: May irritate with slight pain, redness, and possible minor corneal injury.

SKIN: Single, prolonged exposure (hours) causes no known effect. Several repeated, prolonged exposures may cause slight irritation.

INHALATION: No effects except very slight irritation or pain to the eyes or respiratory passages.

ORAL: Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury.

COMMENTS: No known adverse chronic health effects, but unnecessary exposure to any chemical should be avoided.

This product, as with any chemical, may enhance allergic conditions on certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

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#### ..04 - EMERGENCY AND FIRST AID PROCEDURES

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EYES: Flush with water.

SKIN: Wipe off and flush with water.

INHALATION: No problem

ORAL: No problem

COMMENT: None

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#### ..05 - FIRE AND EXPLOSION DATA

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FLASH POINT (METHOD USED): Open cup above 250 Degrees F/  
121 Degrees C

AUTOIGNITION: Not determined

FLAMMABILITY LIMITS IN AIR: LOWER: N.D. UPPER: N.D.

EXTINGUISHING MEDIA: Water fog, CO2, Dry Chemical, Foam

SPECIAL FIRE-FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn if fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

COMMENTS: N.D. = Not determined.

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#### ..06 - PHYSICAL DATA

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BOILING POINT @ 760 MM HG): Above 300 Degrees F/149 Degrees C

SPECIFIC GRAVITY (@ 77 Degrees F/25 Degrees C): 1.0

MELTING POINT: Not applicable.

VAPOR PRESSURE (@ 77 Degrees F/25 Degrees C): Less than 5 MM.

VAPOR DENSITY (AIR=1 @ 77 Degrees F/25 Degrees C): Not applicable.

PERCENT VOLATILE BY VOLUME (%): Less than 5%

EVAPORATION RATE (EHTER=1): Less than 1.

SOLUBILITY IN WATER (%): Less than 0.1%.

ODOR, APPEARANCE, COLOR: Very little odor, liquid, some color.

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..07 - REACTIVITY DATA

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STABILITY: Stable

INCOMPATABILITY (MATERIAL TO AVOID): Oxidizing material can cause  
a reaction.

CONDITIONS TO AVOID: Not applicable.

HAZARDOUS DECOMPOSITION PRODUCTS: Silicon Dioxide, Carbon Dioxide, and  
traced of incompletely burned carbon  
products.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not applicable.

COMMENTS: None

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..08 - SPILL, LEAK AND DISPOSAL PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Use absorbent material to collect and contain for  
salvage or disposal.

PROTECTIVE EQUIPMENT:

EYES: Use chemical worker goggles.

SKIN: Avoid contact by using impervious protective clothing:  
Rubber or plastic gloves, aprons, boots, etc. Use  
protective gloves as a minimum and wash immediately upon  
detectable contact.

INHALATION: No respiratory protection required.

WATER DISPOSAL METHOD: Review all local, state and federal regulations

concerning health and pollution to determine  
approved disposal procedures.

D.O.T. (49CFR 171.8)/E.P.A. (40CFR 117) SPILL REPORTING INFORMATION:

HAZARDOUS SUBSTANCE: None

REPORTABLE QUANTITY: Not applicable.

CONCENTRATION OF HAZARDOUS SUBSTANCE: Not applicable.

REPORTABLE QUANTITY OF PRODUCT: Not applicable.

COMMENTS:           Product is an oil in the context of the  
                      U.S. Clean Water Act. Spills to U.S.  
                      surface waters, or to watercourses or sewers  
                      leading to U.S. surface waters that cause  
                      a visible sheen must be reported to the  
                      Nat'l. Resp. Center.

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..09 - ROUTINE HANDLING PRECAUTIONS

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PROTECTIVE EQUIPMENT:

EYES:    Use proper protection --safety glasses, as a minimum.

SKIN\*:   Remove contaminated clothing and shoes at the end of the  
          work period and thoroughly clean before reuse.

INHALATION: No respiratory protection required.

VENTILATION:

LOCAL EXHAUST: None

MECHANICAL (GENERAL): Recommended

SUITABLE RESPIRATOR: Organic vapor type.

These precautions are for room temperature handling, use  
at elevated temperature may require added precautions.

\*Good practice requires the gross amount of any chemical be  
removed from the skin as soon as practical, especially before  
eating or smoking.

COMMENTS:   None

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..10 - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Use resonable care and caution.

OTHER PRECAUTIONS: None known

COMMENTS:           Traces of formaldehyde and other thermal decomposition products may form at temperatures above 150 Degrees C in the presence of air. Provide adequate ventilation when handling at elevated temperatures.

The recommended hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.